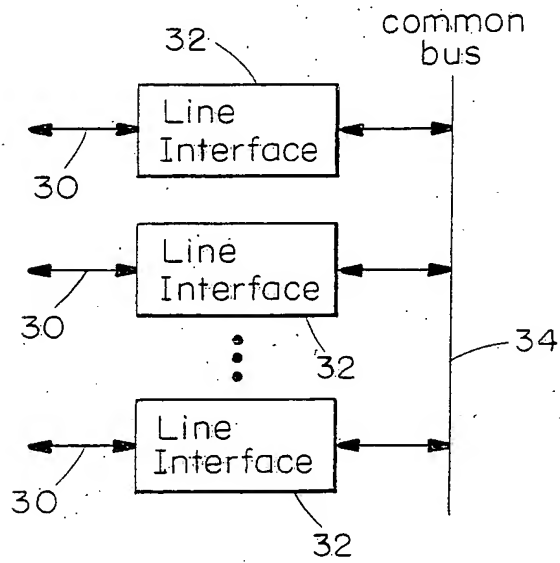
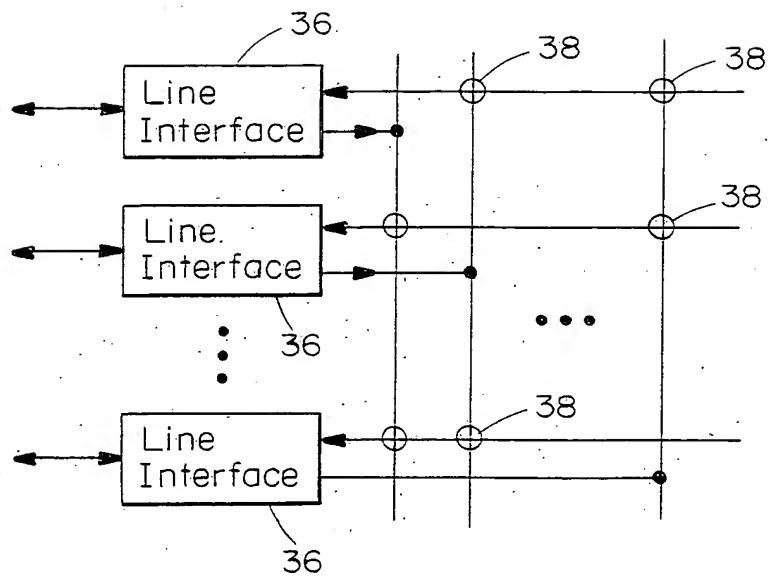


**FIG. 1**  
PRIOR ART



**FIG. 2**  
PRIOR ART



**FIG. 3**  
PRIOR ART

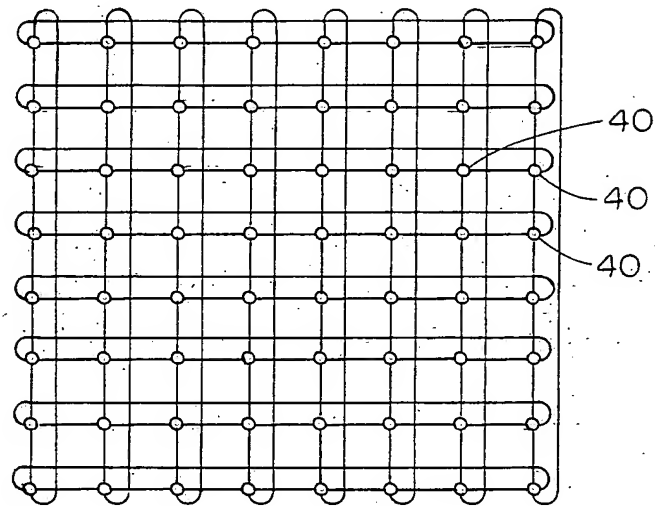


FIG. 4

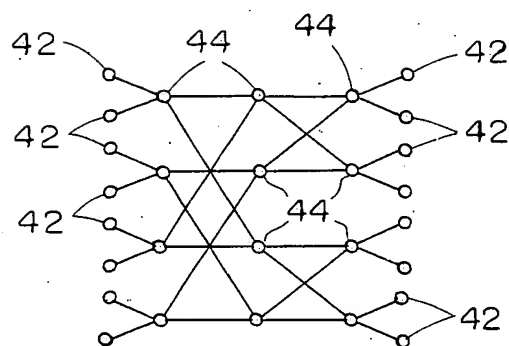


FIG. 5

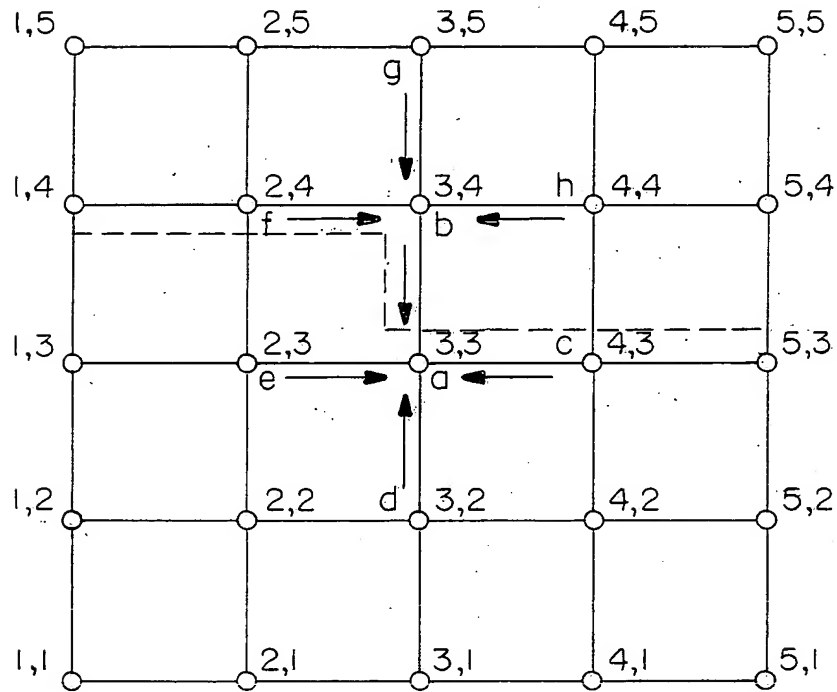


FIG. 6

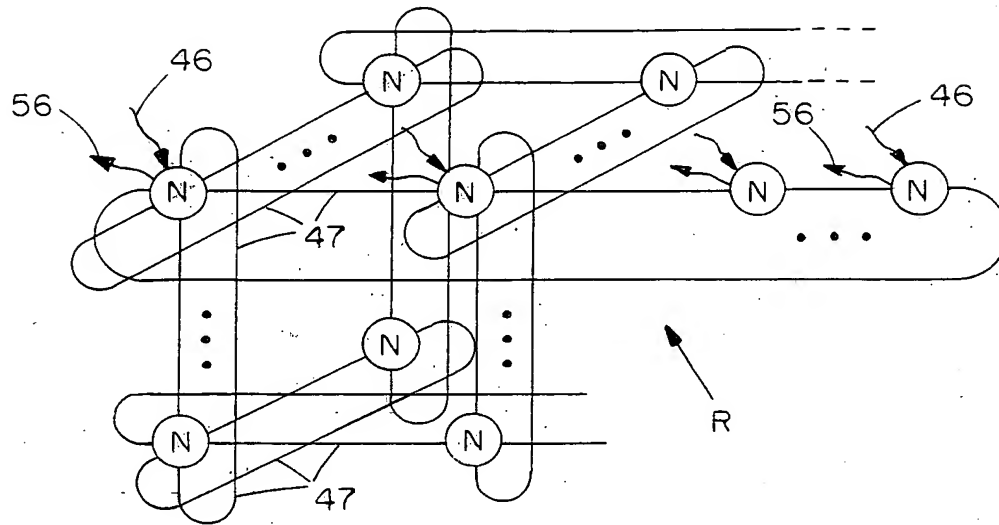


FIG. 7

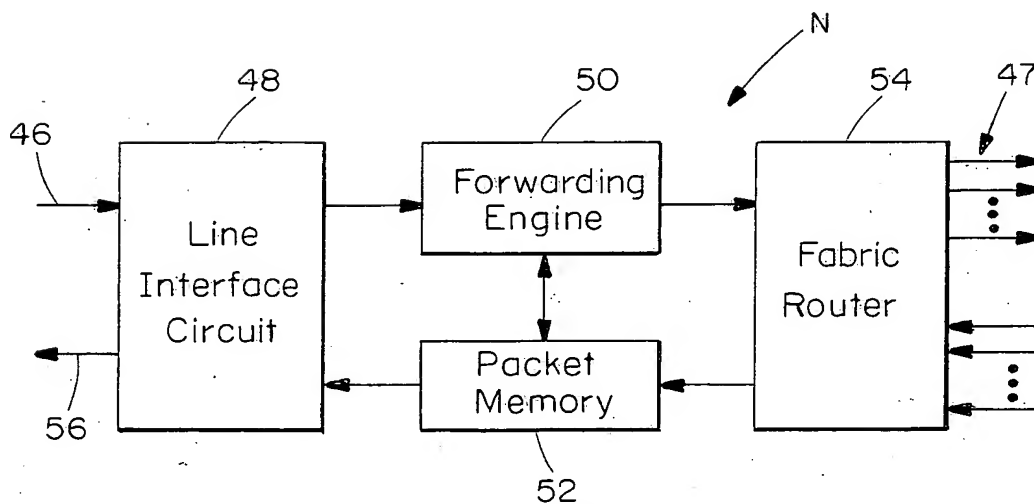


FIG. 8

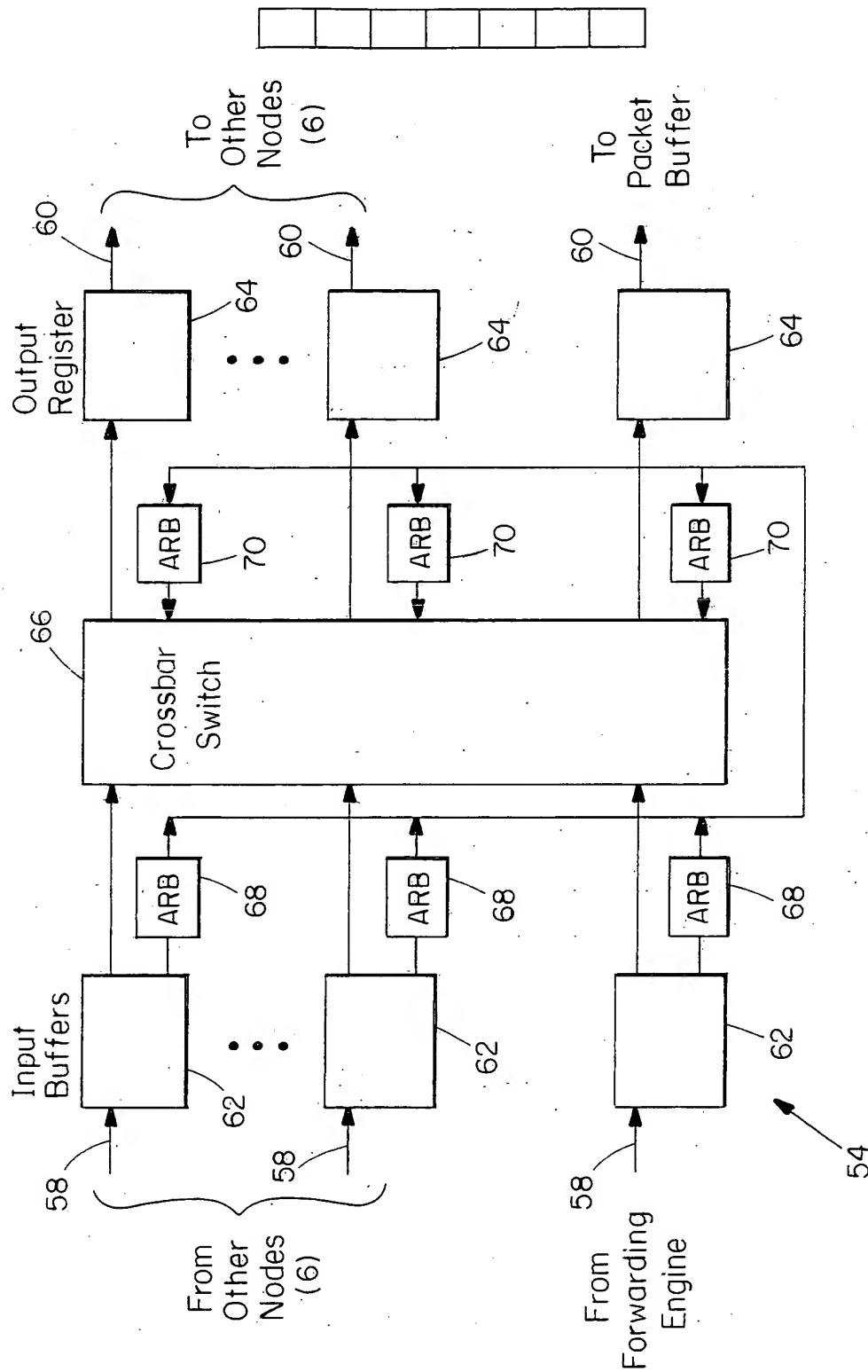


FIG. 9

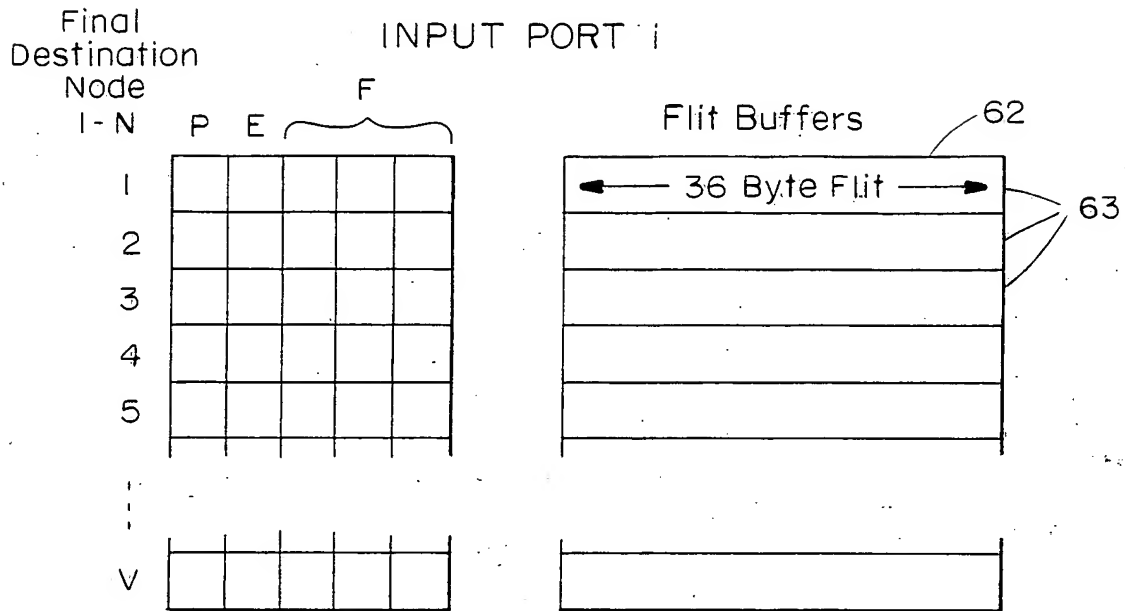


FIG. 10A

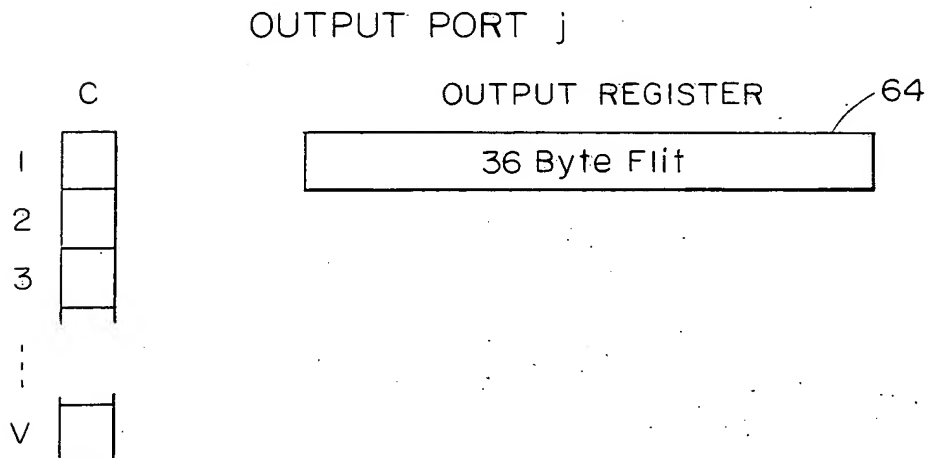


FIG. 10B

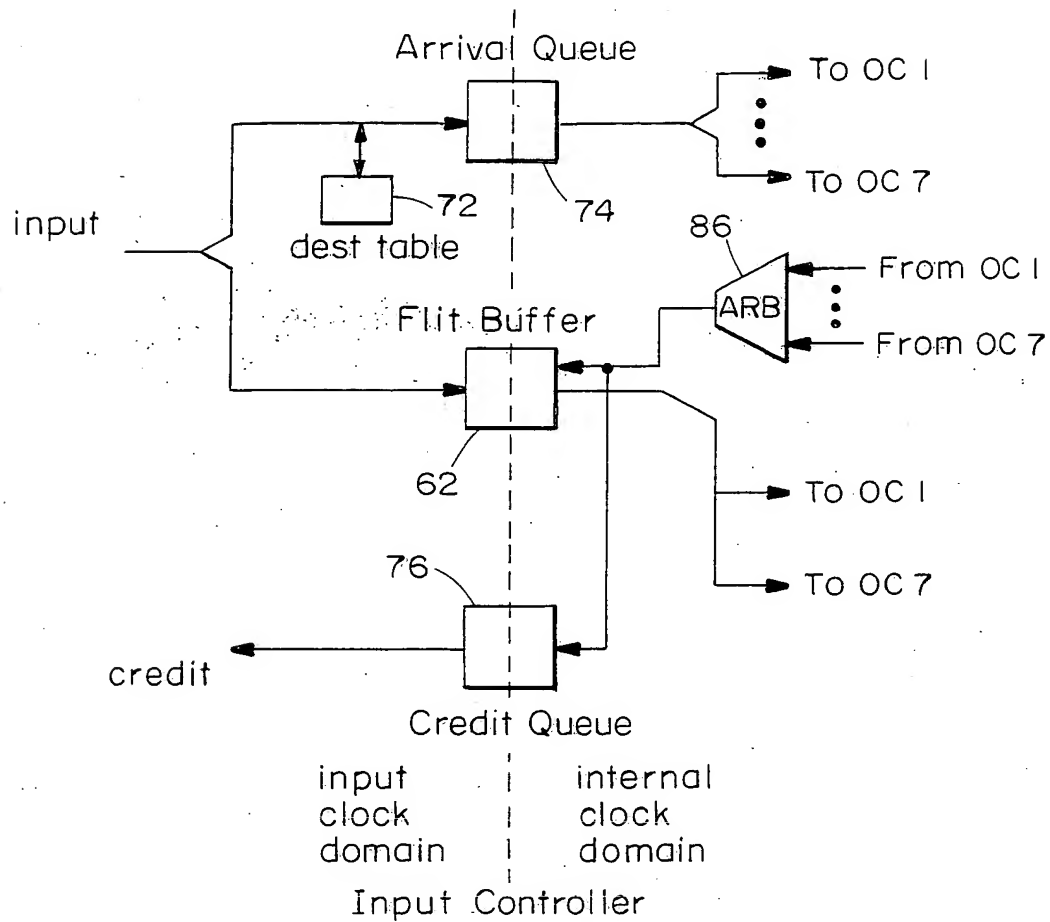


FIG. IIA

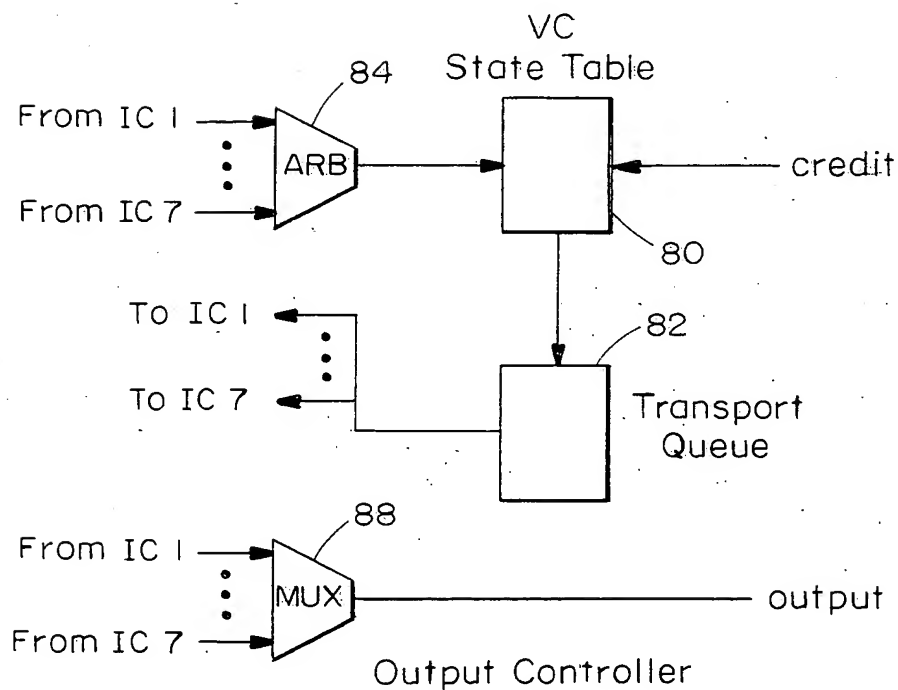


FIG. IIB



For Output K	Allocation Status (B = 0, 1, 2)	Input Controller (I = 1 to 7)	Waiting Input Controllers (W)	Credits (C)	Flits Present (P)
			7  _ _ _ _ _ _ _		
1					
2					
3					
•					
•					
•					
V					

State  
vector  
s[V, K]

FIG. 12



FIG. 13